

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Artec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised July 18, 2013

AMENDED

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address COG Production LLC 2208 West Main Street Artesia, NM 88210		² OGRID Number 217955
⁴ Property Code 39209		³ API Number 30-025-42275
⁵ Property Name Eata Fajita State		⁶ Well No 10H

NOV 25 2014

RECEIVED

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
P	8	24S	33E		200	South	850	East	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
A	5	24S	33E		330	North	380	East	Lea

9. Pool Information

Pool Name	Pool Code
Triple X: Bone Spring, West	96674

Additional Well Information

¹¹ Work Type New Well	¹² Well Type Oil	¹³ Cable/Rotary	¹⁴ Lease Type State	¹⁵ Ground Level Elevation 3604.3'
¹⁶ Multiple N	¹⁷ Proposed Depth 19412	¹⁸ Formation Bone Spring	¹⁹ Contractor	²⁰ Spud Date 12/02/2014
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weigh/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17.5	13.375	54.5	1250'	800	
Intemd	12.25	9.625	36/40	4900'	950	
Prod	7.875	5.5	17	19412'	3500	4600

Casing/Cement Program: Additional Comments

Plan to drill a 17-1/2" hole to 1250' with Fresh Water. Run 13-3/8", 54.5#, J-55 csg and cmt to surface. Drill 12-1/4" hole to 4900' with Brine, and run 9-5/8", 36#/40#, J55 and cement to surface. Drill 8-3/4" to 9100' to kick off and drill curve and lateral with cut brine to approx 19,412' MD. Run 5-1/2" 17# BTC P-110 csg and cement to 4600' in 1 stage.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	Cameron

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
I further certify that I have complied with 19.15.14.9 (A) NMAC and/or 19.15.14.9 (B) NMAC if applicable.

Signature: *Mayte Reyes*
Printed name: Mayte Reyes
Title: Regulatory Analyst
E-mail Address: mreyes1@concho.com
Date: 11/25/2014 Phone: 575-748-6945

OIL CONSERVATION DIVISION	
Approved By: <i>[Signature]</i>	Title: Petroleum Engineer
Approved Date: _____	Expiration Date: 11/20/16
Conditions of Approval Attached	

DEC 01 2014